

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A holographic recording and reproducing apparatus for recording data as phase information of light in a holographic recording medium by projecting a signal beam and a reference beam thereonto, the holographic recording and reproducing apparatus comprising at least a spatial light modulator, a Fourier transform lens, a reverse Fourier transform lens, a Charge Coupled Device (CCD) image sensor and a pinhole disposed at a confocal point of the Fourier transform lens and the reverse Fourier transform lens without having to reposition the confocal point prior to projecting the signal beam and the reference beam, the holographic recording medium being disposed between the Fourier transform lens and the reverse Fourier transform lens, and the focal length of the Fourier transform lens and focal length of the reverse Fourier transform lens being different from each other and remain unchanged, and the pinhole being disposed between the holographic recording medium and the Fourier transform lens or between the holographic recording medium and the reverse Fourier transform lens.

2. (Original) A holographic recording and reproducing apparatus in accordance with Claim 1, wherein the focal length of the Fourier transform lens is set to be longer than that of the reverse Fourier transform lens.

3. (Original) A holographic recording and reproducing apparatus in accordance with Claim 1, wherein the focal length of the reverse Fourier transform lens is set to be longer than that of the Fourier transform lens.

4-6. (Canceled)